



**Stantec**

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September 19, 2008  
File: LV2008008

**Kentucky Office of the 911 Coordinator/CMRS Board**  
200 Mero Street  
Frankfort, KY 40622

**Attention: Mr. David Lucas**

Dear Mr. Lucas:

**Reference: CMRS Geospatial Audit  
Marshall County E-911 Communication Center  
50 Judicial Drive  
Benton, KY 42025**

The Geospatial Audit of Marshall County E-911 Communication Center located in Marshall County County was conducted on 8/20/2008. Marshall County E-911 Communication Center provides wireless 9-1-1 service for Marshal County.

#### **PSAP MAPPING SUMMARY**

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by Marshall County E-911 Communication Center meets this requirement.

#### **FIELD DATA TESTING**

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

#### **WIRELESS 9-1-1 FUNCTION**

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 100% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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**Reference: CMRS Geospatial Audit**

## CONCLUSION

Mapping Component	<b><u>Meets audit criteria</u></b>
Field Data Component	<b><u>Meets audit criteria with</u></b> 100% of points tested meeting criteria
Wireless Data Component	<b><u>Meets audit criteria with</u></b> 100% of calls tested meeting criteria

Based on the results of the audit, Marshall County E-911 Communication Center meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

**Stantec Consulting Services Inc.**

James B. Morse  
GIS Project Manager  
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Attachment: Report Details

c. Files

j:\2008proj\lv2008008\_cmrs\merged summary letter.doc

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# PSAP Mapping Component Summary

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**PSAP Name**                      Marshall County E-911 Communication Center

**Address**                      50 Judicial Drive

**Audit Date**                      8/20/2008

**City**                      Benton

**Audit Personnel**                      MCCORMICK

**Contact**                      Marsha Penney

**Contact Title**                      911 Director

Software	Version	Vendor
INTERACT GEO 911	5.8	INTERACT

## Mapping Layers Used

**Road Centerlines:**    ☒

**Point Addresses:**    ☒

**Ortho Photography:**    ☐

**Other Layers:**    ☒ **Type of 'other' layers used by PSAP:**

The map has 15 layers: Address, Streams, Railroads, Centerline, Subdivision, Cities, MC Cracken Co. Groups, Graves Co. Groups, Calloway Co. Groups, KY Lake, TN River, ESN, MC Cracken Co Boundaries, Graves Co. Boundaries, Calloway Co. Boundaries

## Notes and Observations:

Observations and comments:

The map was last up dated one month ago, the frequency of up dates is monthly. The data is supplied by the GIS Department Marshall county and they also input the data into the system.

The map data was obtained by Anita Ford and the wireless call were obtained by Anita Ford and Jonathan Smith.